COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

KENTUCKY POWER COMPANY	)	
	)	
_____	)	CASE NO. 94-417
	)	
ALLEGED VIOLATION OF COMMISSION REGULATION 807 KAR 5:006, SECTION 24	)	

O R D E R

IT IS ORDERED that Kentucky Power Company ("Kentucky Power") shall file the original and 10 copies of the following information with the Commission within 21 days from the date of this Order, with a copy to all parties of record. Each copy of the data requested should be placed in a bound volume with each item tabbed. When a number of sheets are required for an item, each sheet should be appropriately indexed, for example, Item 1(a), Sheet 2 of 6. Include with each response the name of the witness who will be responsible for responding to questions relating to the information provided. Careful attention should be given to copied material to ensure that it is legible. Where information requested herein has been provided along with the original application, in the format requested herein, reference may be made to the specific location of said information in responding to this information request. When applicable, the information requested herein should be provided for total company operations and jurisdictional operations, separately.

1. Provide Kentucky Power's safety plan and internal safety procedures which were in effect on May 15, 1994.

2. a. Has Kentucky Power amended its safety plan or internal safety procedures which were in effect on May 15, 1994?

b. If yes, identify each amendment and explain the reason for the amendment.

3. a. Did Kentucky Power report the May 15, 1994 incident to any other regulatory agency?

b. If yes,

(1) Identify these agencies.

(2) Provide all documents and correspondence furnished to each agency as a part of this report.

(3) Describe the response, if any, of the regulatory agencies to which the incident was reported.

4. a. What were the recommendations of the task group which Kentucky Power formed after the May 15, 1994 incident to examine the sulfur dioxide system?

b. Provide all reports which were prepared by this task group.

c. Describe the actions which Kentucky Power has taken to implement the task group's recommendations.

5. Provide a schematic drawing of the sulfur dioxide system. This drawing should include the piping, valves, relief valves, and control system of the two sulfur dioxide storage tanks and indicate the dimensions of all equipment.

6. What is the set pressure of the relief valves mounted on the sulfur dioxide tanks?

7. How often is the relief valve set pressure checked?

8. Describe how the sulfur dioxide system's relief valves are checked.

9. How often are the sulfur dioxide tanks inspected for corrosion?

10. Provide the inspection reports for the sulfur dioxide tanks for the period since January 1, 1990.

11. a. Of what material are the sulfur dioxide tanks constructed?

b. What is the thickness of each sulfur dioxide tank's shell?

c. What is the design pressure of each sulfur dioxide tank?

d. What is the maximum capacity of each sulfur dioxide tank?

12. a. Have sulfur dioxide releases occurred as a result of leaks from the sulfur dioxide system pumps?

b. If yes, state when.

13. Provide all preventive maintenance reports on the sulfur dioxide system's pumps for the period since January 1, 1990.

14. Describe Kentucky Power's plan in the event a release occurs as a result of a failure of a sulfur dioxide pump's packing.

15. Where is sulfur dioxide from relief valves ventilated?

16. Does Kentucky Power have a secondary storage tank in which to transfer liquid sulfur dioxide in the event of an emergency? If no, explain why not.

17. Describe the emergency alarm systems serving Kentucky Power's sulfur dioxide system.

18. Describe the weather protection afforded to Kentucky Power's exterior storage tanks.

19. a. Describe the safety breathing equipment provided to Kentucky Power personnel in the event of a sulfur dioxide release.

b. Where in the Big Sandy Generating Plant is this equipment located?

20. When was the sulfur dioxide system installed in the Big Sandy Generating Plant?

21. Provide all reports discussing the construction, installation, and location of the sulfur dioxide system at the Big Sandy Generating Plant.

22. What protection, if any, exists to prevent the release of sulfur dioxide gas in the event a vehicle or other equipment collides with or strikes the storage tank?

23. a. What is each storage tank's distance to the access road?

b. What is each storage tank's distance to the nearest adjacent building?

24. Identify the witnesses which Kentucky Power intends to call at the scheduled hearing and summarize their expected testimony.

Done at Frankfort, Kentucky, this 30th day of January, 1995.

PUBLIC SERVICE COMMISSION

For the Commission

ATTEST:

Executive Director